

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	574	221/266	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/18 13:07
L2	965	221/266.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/18 13:07
L3	352	221/263.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/18 13:07
L4	383	221/263	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/18 13:08
L5	1837	1 or 2 or 3 or 4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/18 13:41
L6	47	5 and drawer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/18 13:23
L7	16	6 and coins	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/18 13:11
L8	3	6 and (coin adj roll)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/18 13:08

## EAST Search History

L9	631	3 or 4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/18 13:23
L10	4	5 and (pusher adj plate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/18 13:25
L11	56	5 and (pusher)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/18 13:25
L12	1834	5 not 8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/18 13:41
L13	1821	12 not 7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/18 13:41
L14	1821	13 not 7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/18 13:41
L15	1790	14 not 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/18 13:42
L16	1786	15 not 10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/18 13:42

## EAST Search History

L17	1736	16 not 11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/18 13:43
L18	782	17 and cans	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/18 14:38
L19	117	17 and bottles	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/18 13:44
L20	7	("4509658").URPN.	USPAT	OR	ON	2006/03/18 13:47
L21	24	("1773329"   "2663604"   "2711241"   "2977023"   "4019650"   "4036400"   "4036621"   "4298138"   "4509658"   "4705176"   "4917264"   "5176287"   "5392953"   "5497905"   "5505332"   "5651476"   "5927539"   "5967364"   "6102250"   "D362463").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/18 13:51
L22	0	("2558394").URPN.	USPAT	OR	ON	2006/03/18 14:06
L23	0	("2558394").URPN.	USPAT	OR	ON	2006/03/18 14:06
L24	1	("2423265").URPN.	USPAT	OR	ON	2006/03/18 14:07
L25	11	("4852767").URPN.	USPAT	OR	ON	2006/03/18 14:08
L26	0	gb0127322	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/18 14:38
L27	0	gb0127322a	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/18 14:39
S12	690893	"194"/\$.ccls.]	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/03 11:03

## EAST Search History

S13	21931	"194"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/03 11:03
S14	4806	"453"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/03 11:04
S15	26008	S13 or S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/03 11:04
S16	485	S15 and drawer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/03 11:06
S17	35	S16 and (coin adj tube)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/03 11:07
S18	112	S16 and (tube)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/03 11:39
S19	29	("0326866"   "1346457"   "3227363"   "3242931"   "3265077"   "4095607"   "4396029"   "4511341"   "4593709"   "4606361"   "4987990"   "4995848"   "5397264"   "5474496"   "5722882"   "5827117"   "5902178"   "5976006"   "6099401"   "6165063"   "6165064"   "6210264"   "6524179"   "6638157").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/03 11:19

## EAST Search History

S20	24	S15 and (tube adj sensor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/03 11:51
S21	2	"6830509"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/03 11:51
S22	29	("0326866"   "1346457"   "3227363"   "3242931"   "3265077"   "4095607"   "4396029"   "4511341"   "4593709"   "4606361"   "4987990"   "4995848"   "5397264"   "5474496"   "5722882"   "5827117"   "5902178"   "5976006"   "6099401"   "6165063"   "6165064"   "6210264"   "6524179"   "6638157").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/03 12:18
S23	7	("4367760" "4469245" "4850511" "5005339" "5722564" "5830055" "6302294").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/03 12:18
S24	10	("4469245").URPN.	USPAT	OR	ON	2005/10/03 12:22
S25	6	("5501633").URPN.	USPAT	OR	ON	2005/10/03 12:32
S26	2	("6261169").URPN.	USPAT	OR	ON	2005/10/03 12:53
S27	36	Liff and dividers	USPAT	OR	ON	2005/10/03 12:57
S28	1	omincell and dividers	USPAT	OR	ON	2005/10/03 12:58
S29	81	Lipps and dividers	USPAT	OR	ON	2005/10/03 13:00
S30	281	Meader	USPAT	OR	ON	2005/10/03 12:58
S31	20169	Holmes	USPAT	OR	ON	2005/10/03 12:59
S32	3	S30 and divider	USPAT	OR	ON	2005/10/03 12:59
S33	634	S31 and divider	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/03 12:59
S34	5	dispenser and S30	USPAT	OR	ON	2005/10/03 13:01
S35	400	dispenser and S31	USPAT	OR	ON	2005/10/03 13:01
S36	33	omnicell	USPAT	OR	ON	2005/10/03 13:07
S37	400	holmes and dispenser	USPAT	OR	ON	2005/10/03 13:08
S38	23	S37 and divider	USPAT	OR	ON	2005/10/03 13:14

## EAST Search History

S39	50	medical adj dispenser	USPAT	OR	ON	2005/10/03 13:14
S40	9	S39 and (spacer or divider)	USPAT	OR	ON	2005/10/03 13:15
S41	543	shapiro.XA.	USPAT	OR	ON	2005/10/03 13:41
S42	245	(spacer or divider) near sensor	USPAT	OR	ON	2005/10/03 13:41
S43	6	S42 and medical	USPAT	OR	ON	2005/10/03 13:42
S44	3	S42 and drugs	USPAT	OR	ON	2005/10/03 13:57
S45	43	453/16	USPAT	OR	ON	2005/10/03 14:07
S46	191	194/216	USPAT	OR	ON	2005/10/03 14:07
S47	579	194/217	USPAT	OR	ON	2005/10/03 14:07
S48	621	S46 or S47	USPAT	OR	ON	2005/10/03 14:07
S49	59	S48 and (coin adj tube)	USPAT	OR	ON	2005/10/03 14:08
S50	20	("4367760" "4469245" "4850511" "5005339" "5092816" "5722564" "5830055" "6261169" "6302294" "6638157").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 13:35
S51	1128	coin adj rolls	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 13:39
S52	325	S51 and dispens\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 13:39
S53	76	S51 and drawer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 18:02
S54	467	221/6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 18:03
S55	479	221/6.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 18:03

## EAST Search History

S56	844	S54 or S55	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 18:38
S57	6	S56 and (coin adj rolls)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 18:03
S58	0	(checkout adj counter) and (speach adj recognition)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 09:57
S59	168	(checkout adj counter) and (audible)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 10:01
S60	21	(checkout adj counter) and (audible same (size shape color))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 10:06
S61	3926	"186"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 10:06
S62	15	S61 and speech	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 10:06
S63	21008	furuya	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 12:41

## EAST Search History

S64	249	S63 and coins	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 12:42
S65	57	S64 and yonezo	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 14:34
S66	12	"5458225"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 16:34
S67	118	194/328	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 16:34
S68	95	("6213341" "6213341" "5813510" "5722564" "5392951" "5445294" "5940306" "6027025" "5740897" "5450938" "5967364" "5332076" "4867506" "5297030" "6550671" "6957732" "5451753" "6196913" "4469245" "5756977" "4623467" "6055521" "3618732" "5842188" "6459954" "4282892" "5411436" "5895457" "5905810" "5982918" "6128402" "5183142" "4372478" "5718625" "6179161" "5605249" "6357622" "5020652" "4251009" "4429639" "4397455" "6189881" "5803453" "5943424" "5695038" "5944163" "5975275" "5512877" "6110043" "6146273").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 12:01
S69	1245	dispenser same drawer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 12:27



## EAST Search History

S70	240	dispenser adj drawer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 12:40
S71	270	312/348.3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 12:40
S72	203	312/348.3.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 12:40
S73	454	312/71	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 12:40
S74	682	312/71.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 12:40
S75	356	312/1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 12:40
S76	265	312/61.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 12:40
S77	219	312/61	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 12:41

## EAST Search History

S78	1684	S71 or S72 or S73 or S74 or S76 or S77	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 12:42
S79	38	S78 and sensor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 12:42
S80	134	S78 and pusher	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 12:42
S81	162	S79 or S80	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 12:42
S82	10	S79 and S80	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 12:42
S83	10	S79 and S80	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 12:43
S84	454	312/71	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 19:39
S85	270	312/348.3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 19:39

## EAST Search History

S86	203	312/348.3.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 19:39
S87	682	312/71.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 19:39
S88	265	312/61.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 19:39
S89	219	312/61	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 19:39
S90	1684	S85 or S86 or S84 or S87 or S88 or S89	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 19:39
S91	38	S90 and sensor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 19:40
S92	13	("20020056605" "4451027" "5423527" "6278795" "6327458" "6543767" "6880692").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 20:40
S93	467	221/6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 20:40

## EAST Search History

S94	479	221/6.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 20:40
S95	844	S93 or S94	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 20:40
S96	245	S95 and sensor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 20:42
S97	31	S96 and drawer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 20:53
S98	456	211/59.3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 20:54
S99	1049	211/59.2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 20:53
S10 0	949	211/59.2.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 20:53
S10 1	441	211/59.3.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 20:54

## EAST Search History

S10 2	2081	S98 or S99 or S100 or S101	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 20:54
S10 3	45	S102 and sensor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 21:18
S10 4	187	221/196	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 21:18
S10 5	366	221/196.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 21:18
S10 6	504	S104 or S105	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 21:18
S10 7	2	S106 and (coin adj roll)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 21:21
S10 8	106	S106 and (cylindrical cylinder)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/17 21:21